

AMENDMENTS TO THE CLAIMS

Claims 1, 2, and 5–33 are pending. Claims 1–8 and 16–33 are cancelled and new claims 34–38 are added. All claims currently pending and under consideration in the above-identified application are shown below. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1–8. (Cancelled)

9. (Previously Presented) A method for projecting a three dimensional object within a defined volume, the method comprising:

forcing a projection medium from a plurality of valves contained within a projector;

computing image data by calculating cross-sections for the three dimensional object and transmitting the image data to the projector to control the valves;

opening selected valves based on the image data such that a quantity of projection medium falls from the projector; and

illuminating the forced projection medium with an illumination device, wherein the projection medium forms the three-dimensional object, and the three-dimensional object is viewable circumferentially.

10. (Original) The method of claim 9, further comprising reclaiming the projection medium for reuse after illumination.

11. (Original) The method of claim 9, further comprising disposing of the projection medium after illumination.

12. (Original) The method of claim 9, further comprising filling a holding tank with the projection medium.

13–14. (Cancelled)

15. (Original) The method of claim 14, further comprising controlling the illumination device to illuminate the projected medium for a fixed time period.

16–33. (Cancelled)

34. (New) One or more computer-storage media having computer-executable instructions for performing a method for projecting a three dimensional object within a defined volume, the method comprising:

forcing a projection medium from a plurality of valves contained within a projector;

computing image data by calculating cross-sections for the three dimensional object and transmitting the image data to the projector to control the valves;

opening selected valves based on the image data such that a quantity of projection medium falls from the projector; and

illuminating the forced projection medium with an illumination device, wherein the projection medium forms the three-dimensional object, and the three-dimensional object is viewable circumferentially.

35. (New) The media of claim 34, further comprising reclaiming the projection medium for reuse after illumination.

36. (New) The media of claim 34, further comprising disposing of the projection medium after illumination.

37. (New) The media of claim 34, further comprising filling a holding tank with the projection medium.

38. (New) The media of claim 34, further comprising controlling the illumination device to illuminate the projected medium for a fixed time period.